

## PP-H 2,5/12


Order No.: 3209976

The illustration shows 6-position versions



Connectors, Connection method: Push-in connection, Number of positions: 12, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG 26 - 12, Width: 62.4 mm, Height: 39 mm, Color: gray

### Commercial data

EAN	 4 046356 366861
Pack	10
Customs tariff	85366990
Country of Origin	PL
Catalog page information	Page 334 (CL1-2011)

### Product notes

WEEE/RoHS-compliant since:  
17/04/2008



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### General

Number of levels	1
Number of connections	1
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

---

**Dimensions**

Width	62.4 mm
Length	15.8 mm
Height	39 mm

**Technical data**

Maximum load current	24 A (with 2.5 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I <sub>N</sub>	24 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	nein
Number of positions	12

**Connection data**

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Connection method	Push-in connection
Stripping length	10 mm
Internal cylindrical gage	A3

---

## Certificates



Certification

ABS, BV, CSA, CUL, GL, LR, NK, RS, UL

---

## Accessories

Item	Designation	Description
------	-------------	-------------

### Assembly

3040559	PR	Latching, Number of positions: 1, Color: orange
3040630	PR/2	Latching, Number of positions: 2, Color: orange
3040614	PRZ	Latching, Width: 5.2 mm, Length: 3 mm, Number of positions: 2, Color: orange
3040591	PSH 3- 6	Shield connection clamp, Color: black
3040601	PSH 5-10	Shield connection clamp, Color: black
3040627	PZ/2	Strain relief, Number of positions: 2, Color: black
3040643	PZ/4	Strain relief, Number of positions: 4, Color: black

### Covers

3209824	DF-SP-H 2,5	Cover flange, Length: 35.8 mm, Width: 4.5 mm, Height: 24.7 mm, Color: gray
3061431	DFS-SP-H 2,5	Cover flange, Length: 35.8 mm, Width: 4.5 mm, Height: 24.7 mm, Color: gray

### General

3209691	PH 2,5/ 2	Cable housing, Length: 19.9 mm, Width: 10.4 mm, Height: 36.8 mm, Number of positions: 2, Color: gray
3209714	PH 2,5/ 4	Cable housing, Length: 19.9 mm, Width: 20.8 mm, Height: 36.8 mm, Number of positions: 4, Color: gray
3209727	PH 2,5/ 5	Cable housing, Length: 19.9 mm, Width: 26 mm, Height: 36.8 mm, Number of positions: 5, Color: gray
3209730	PH 2,5/ 6	Cable housing, Length: 19.9 mm, Width: 31.2 mm, Height: 36.8 mm, Number of positions: 6, Color: gray
3209756	PH 2,5/ 8	Cable housing, Length: 19.9 mm, Width: 41.6 mm, Height: 36.8 mm, Number of positions: 8, Color: gray
3209507	PH 2,5/ 9	Cable housing, Length: 19.9 mm, Width: 46.8 mm, Height: 36.8 mm, Number of positions: 9, Color: gray

3209769	PH 2,5/10	Cable housing, Length: 19.9 mm, Width: 52 mm, Height: 36.8 mm, Number of positions: 10, Color: gray
3209772	PH 2,5/11	Cable housing, Length: 19.9 mm, Width: 57.2 mm, Height: 36.8 mm, Number of positions: 11, Color: gray
3209785	PH 2,5/12	Cable housing, Length: 19.9 mm, Width: 62.4 mm, Height: 36.8 mm, Number of positions: 12, Color: gray
3209798	PH 2,5/13	Cable housing, Length: 19.9 mm, Width: 67.6 mm, Height: 36.8 mm, Number of positions: 13, Color: gray
3209808	PH 2,5/14	Cable housing, Length: 19.9 mm, Width: 72.8 mm, Height: 36.8 mm, Number of positions: 14, Color: gray
3209811	PH 2,5/15	Cable housing, Length: 19.9 mm, Width: 78 mm, Height: 36.8 mm, Number of positions: 15, Color: gray

#### Plug/Adapter

3002843	ISH 2,5/0,2	Insulation stop sleeve, Color: white
3002856	ISH 2,5/0,5	Insulation stop sleeve, Color: gray
3002869	ISH 2,5/1,0	Insulation stop sleeve, Color: black
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201744	MPS-MT	Test plugs

#### Sleeve housing

3209701	PH 2,5/ 3	Cable housing, Length: 19.9 mm, Width: 15.6 mm, Height: 36.8 mm, Number of positions: 3, Color: gray
3209743	PH 2,5/ 7	Cable housing, Length: 19.9 mm, Width: 36.4 mm, Height: 36.8 mm, Number of positions: 7, Color: gray

#### Drawings

Circuit diagram

